* SWBAT solve apply W=F*d to an everyday situation

Sep 6-2:31 PM

SECA Physics
Wednesday 13 November 2013

Welcome!!!

Centering...

H. Leslie Grebe

* Pick up:
  - slip of paper (for later)

Opening Questions:

Have you ever helped load up a moving truck?

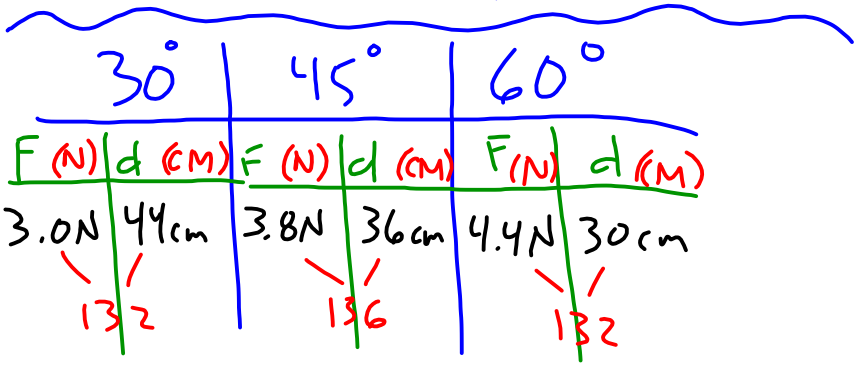
Ever tried putting things in with and without a ramp?
Why do you think it makes such a big difference?

Sep 7-7:04 AM

Work is when a FORCE causes a DISPLACEMENT.

Let's try it out...

RAMP TO GET BOX ONTO U-HAUL



$W = F \cdot d$

$\approx = \uparrow \cdot \downarrow$

NO FREE LUNCH

Nov 13-7:47 AM

Summarize:

What was our experiment? What did the results show?

Nov 13-7:53 AM

JOULES

Work is when

A FORCE CAUSES A DISPLACEMENT

JOULES

Energy is

THE ABILITY TO DO WORK

PP 147-150

Nov 19-6:56 AM

Daily 3 Questions

* Every day except test/project days
* 3 Questions on the topics of the day
* Main source of daily points
* I am happy to give credit when I have no concerns about someone giving or getting help with the answers.

You can't get your points if you don't have your NAME!!!

Name	Period
1.	
2.	
3.	

Sep 9-7:32 AM

1. How many different angles did we try with our experiment? 3

2. When the weight was dragged on the ramp **farther distances**, what happened to the force?

A. more force needed
B. same force needed
C. less force needed

3. [Did you turn in your summary?]

Yes?!?

Nov 16-7:45 AM